

**LIVENESS MONITORING IN A
PUBLISH/SUBSCRIBE MESSAGING SYSTEM**

ABSTRACT OF THE DISCLOSURE

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The invention relates to a subscriber for indicating liveness to a broker in a multicast publish/subscribe messaging system comprising the broker and a plurality of subscribers. The subscriber, having seen an indication of liveness, sets a timer. If the subscriber sees an indication of liveness prior to the expiry of the timer, then the subscriber cancels the timer. However if an indication of liveness is not seen by the subscriber prior to the expiry of its timer, then the subscriber sends its own indication of liveness to the broker.